

Docket No. 000742C1

Serial No. 10/613,625

AMENDMENTS TO THE SPECIFICATION:

Please replace paragraphs [0015] and [0016] with the following amended paragraphs:

[0015] Figure 2 shows an example of a prior art mobile cellular communication station which may be used with the present invention and which includes a GPS receiver and a cellular communication transceiver.

[0016] Figure 3 shows an example of a prior art cellular basestation which may be used in various embodiments of the present invention.

Please replace paragraphs [0022] and [0023] with the following amended paragraphs:

[0022] Figure 7 shows an example of a prior art location server which may be used with certain embodiments of the present invention.

[0023] Figure 8 shows the a prior art framing structure of GSM cellular signals.

Please replace paragraph [0054] (i.e., replace the abstract) with the following amended paragraph:

[0054] Methods and apparatuses for establishing time at a first basestation, and synchronizing the first basestation with other synchronizing basestations in a cellular network. ~~One exemplary method performs time synchronization between at least two basestations, a first basestation and a second basestation, of a cellular communication system. In this exemplary method, a first time of day and a first geographical location of a first mobile cellular receiver station (MS) are determined from a first satellite positioning system (SPS) receiver which is co-located with the first MS, and the first time of day and first location are transmitted by the first MS to a first basestation which determines a time of day of the first basestation from the first time of day and first location and from a known location of the first basestation. Also in this exemplary method, a second time of day and a second geographical location of a second MS are determined from a second SPS receiver which is co-located with the second MS, and the second time of day and the second location are transmitted to a second basestation which determines a time of day of~~

Docket No. 000742C1

Serial No. 10/613,625

~~the second basestation from the second time-of-day and the second location and a known location of the second basestation.~~ The method may be performed using a mobile (cellular communication) station that includes a satellite position system receiver. One method comprises determining a location of the mobile station, determining a time indicator that represents a time-of-day at the mobile station, wherein the time indicator is determined relative to a signal available at the first basestation, transmitting at least one of the position information and location, and transmitting the time indicator from the mobile station. The time indicator and at least one of the position information and the location are used to establish a time at the first basestation such that the first basestation is synchronized to other basestations in the cellular communication system. Other methods and apparatuses are also described for synchronizing basestations in a cellular network.